

FIG. 7

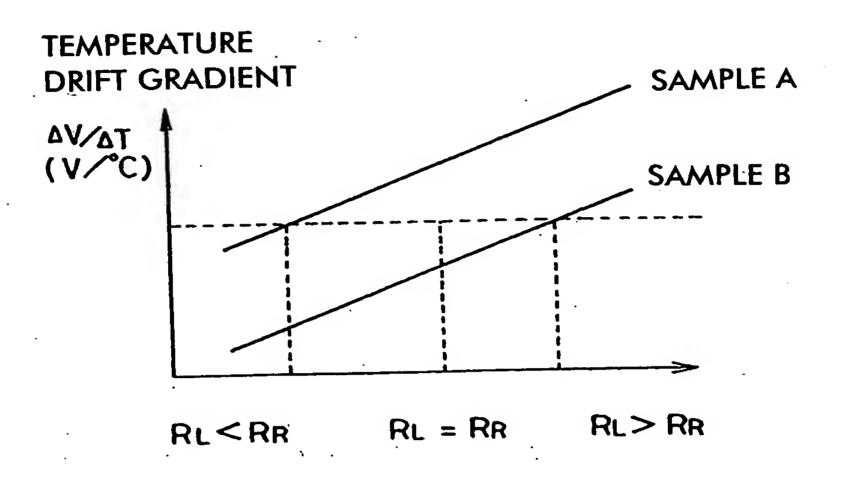
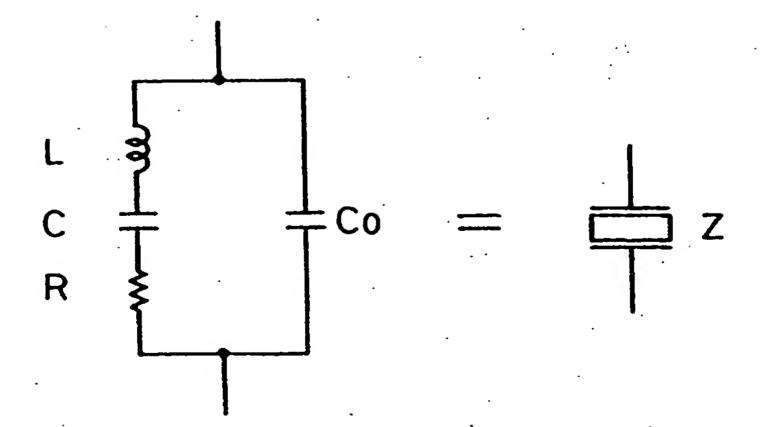
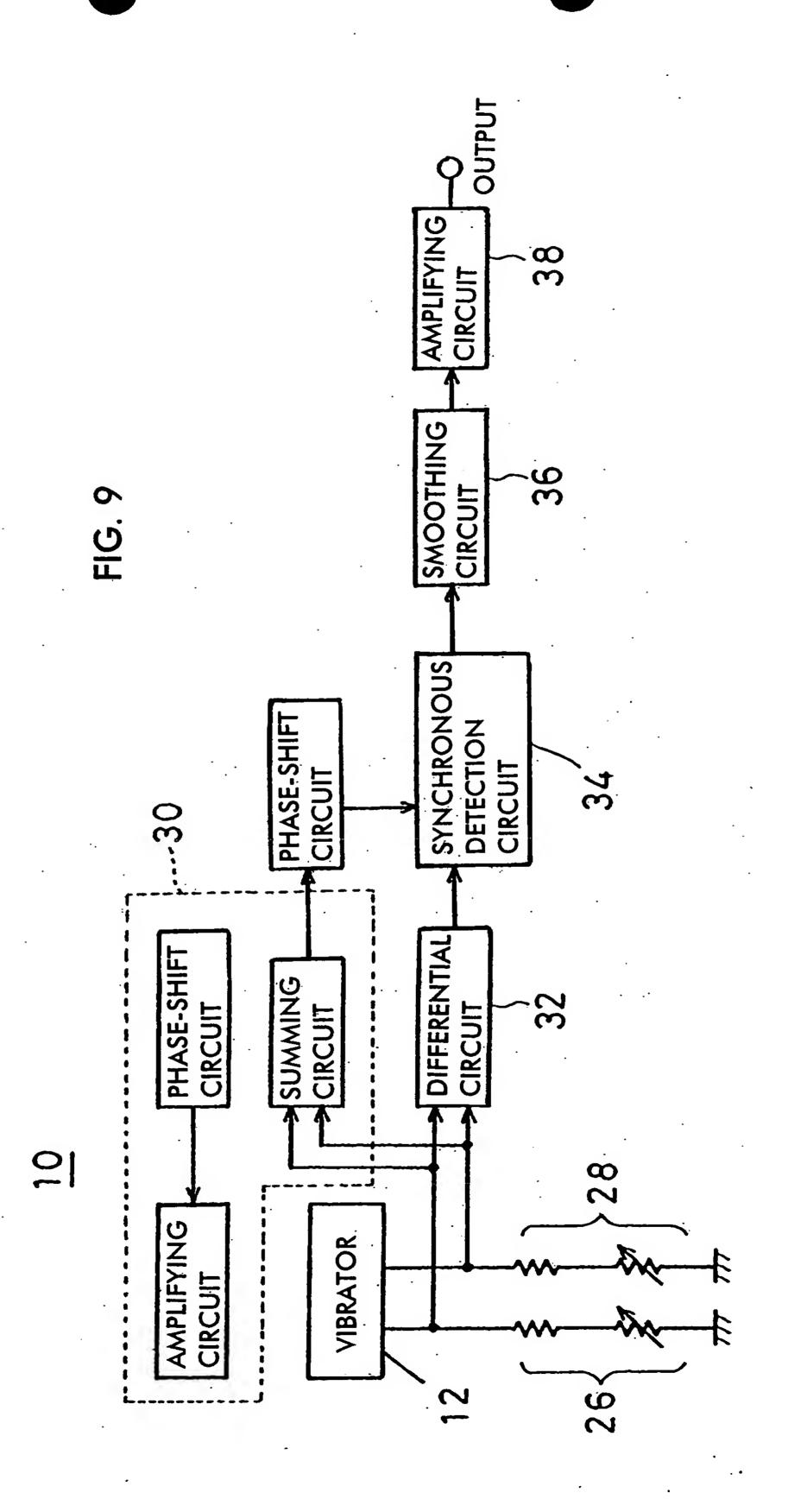
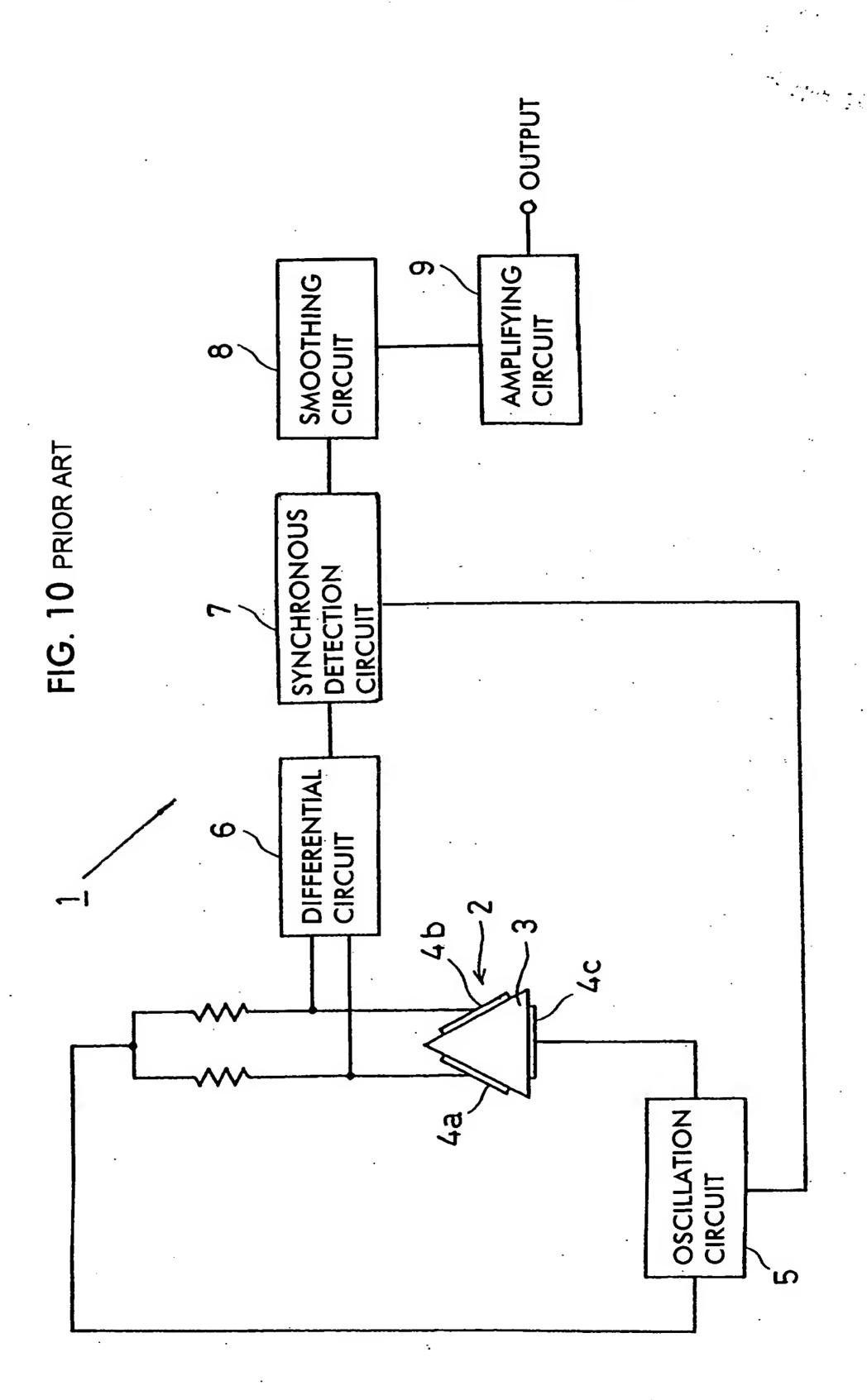


FIG. 8

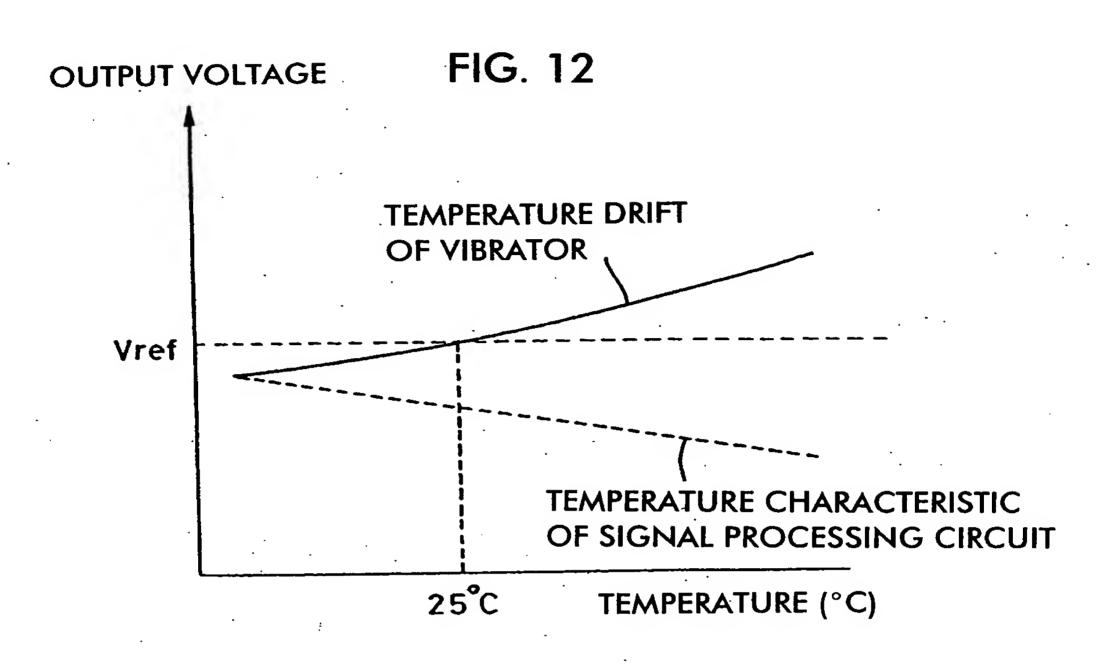


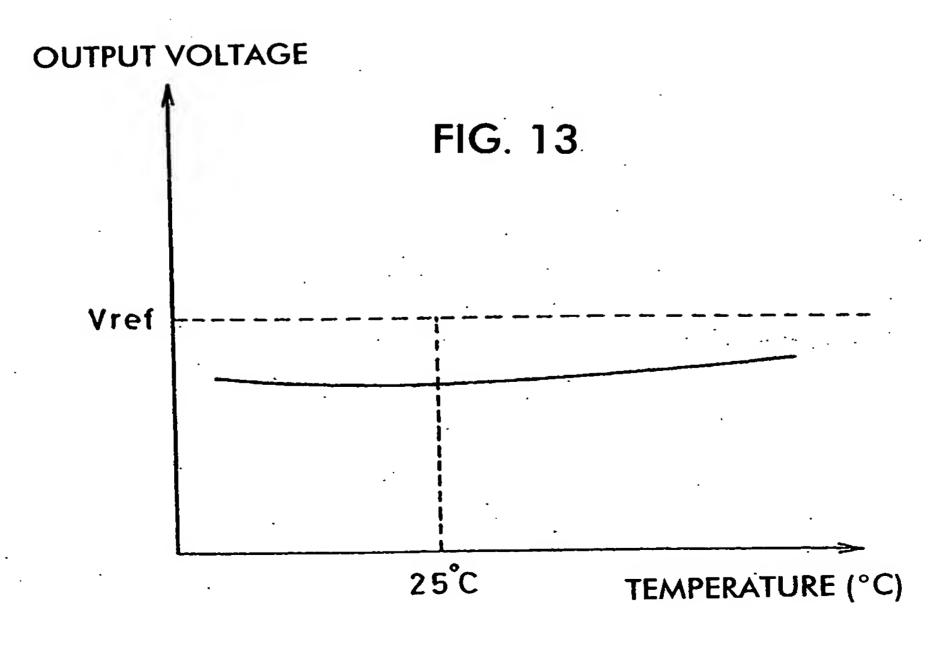


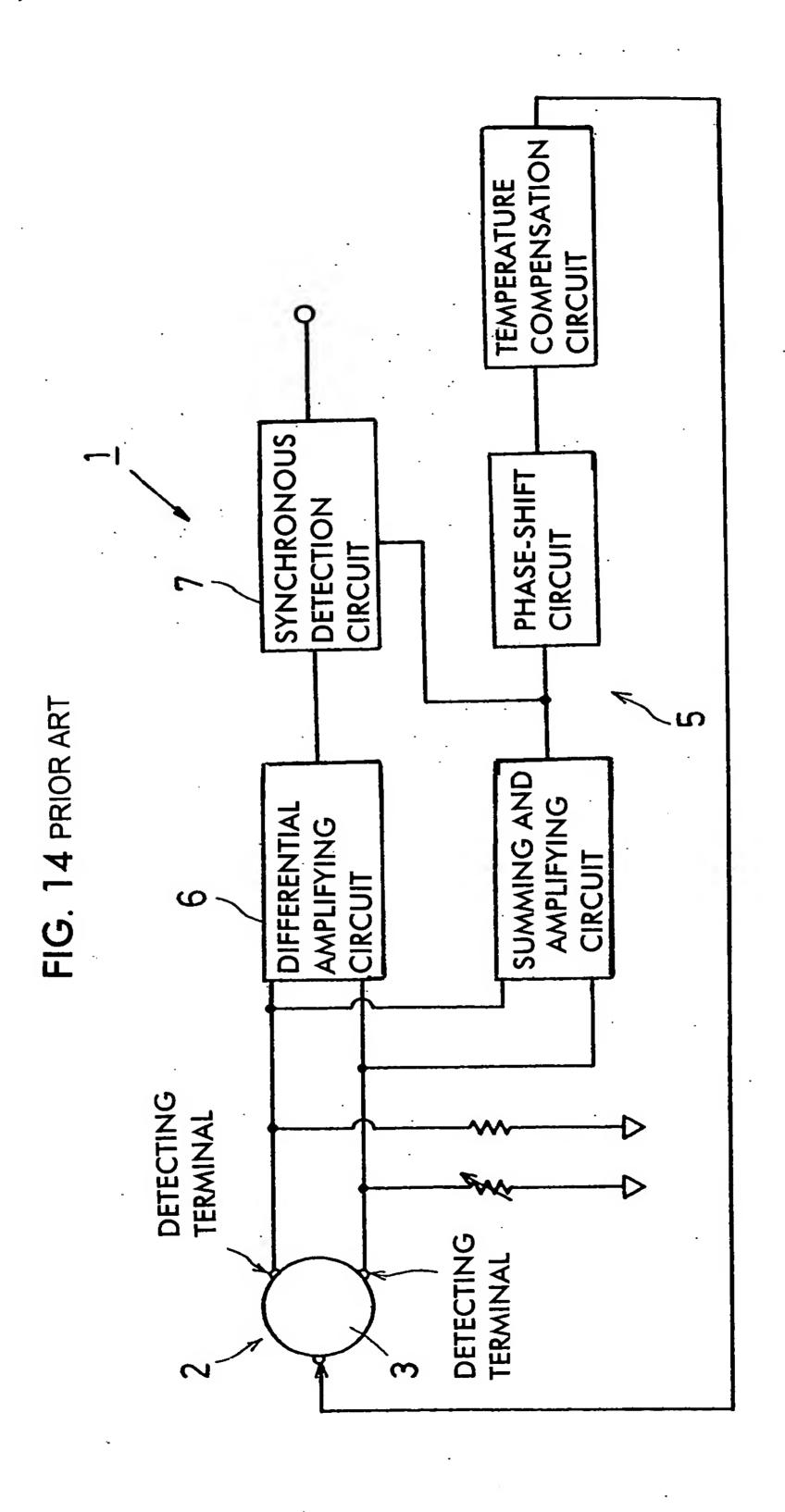


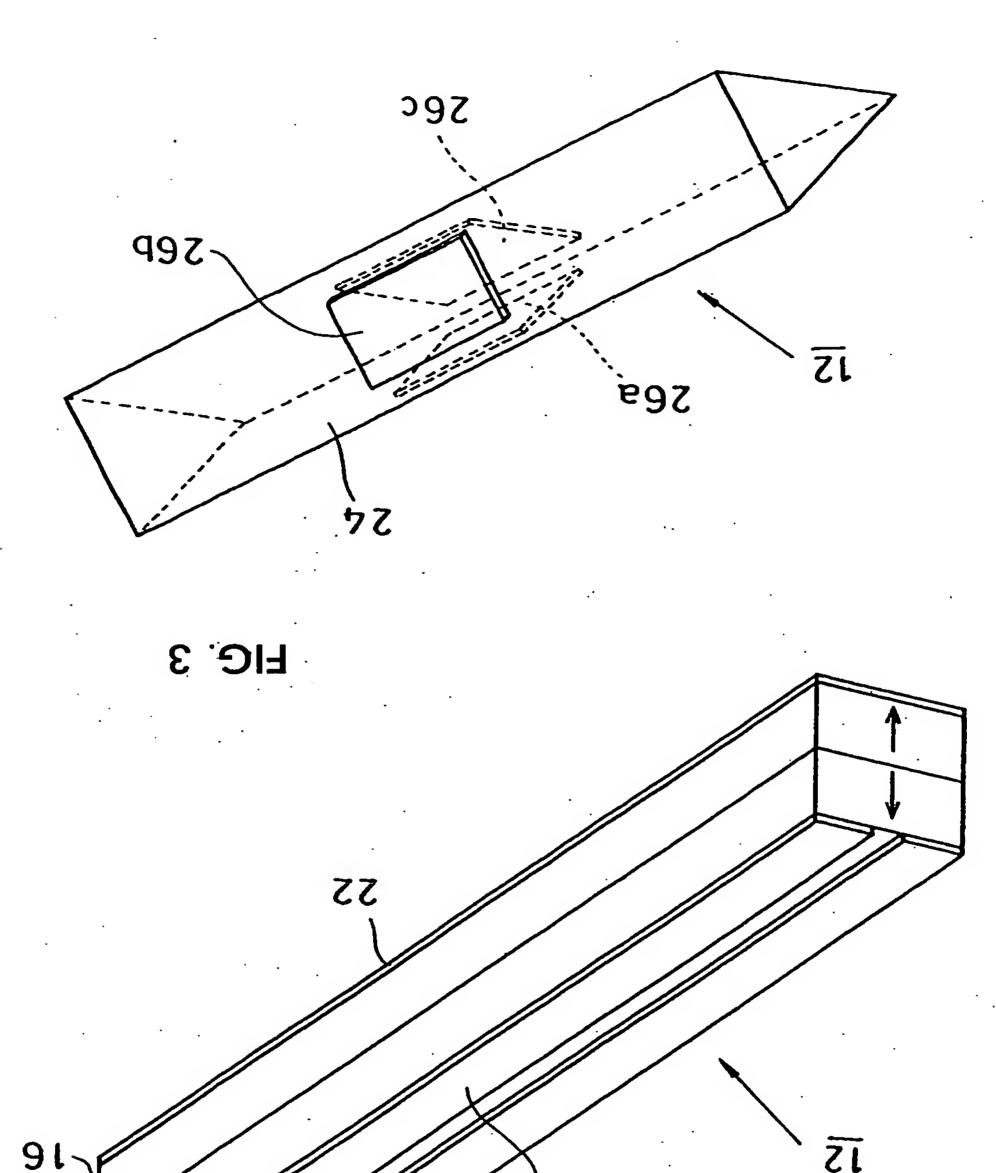
SENSOR OUTPUT Q DIFFERENTIAL **AMPLIFYING** CIRCUIT AMPLIFYING CIRCUIT **ADJUSTMENT**) (AMPLITUDE COMPENSATION **TEMPERATURE** SMOOTHING ------CIRCUIT CIRCUIT ò COMPARATOR SMOOTHING PHASE-SHIFT CIRCUIT CIRCUIT CIRCUIT (5.06) ώ 7a SYNCHRONOUS SYNCHRONOUS OSCILLATION HALF-WAVE RECTIFIER DETECTION DETECTION CIRCUIT CIRCUIT CIRCUIT CIRCUIT DIFFERENTIAL AMPLIFYING SUMMING CIRCUIT CIRCUIT **ADJUSTMENT**) **ADJUSTMENT** (AMPLITUDE (AMPLITUDE BUFFER BUFFER 4 **4**a

FIG. 11 PRIOR ART





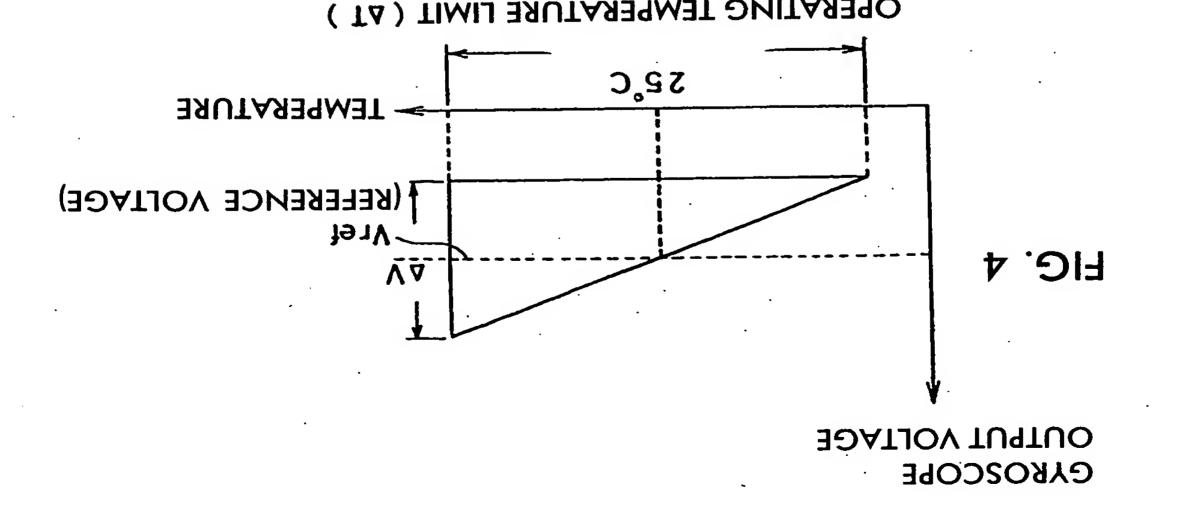


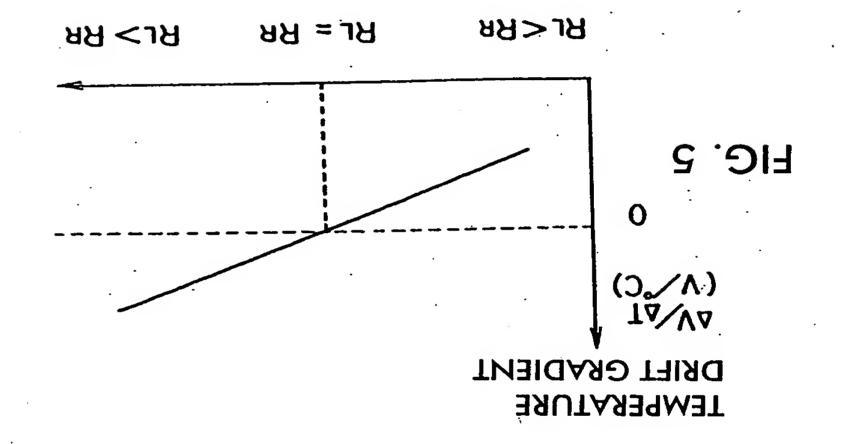


20b

FIG. 2

209





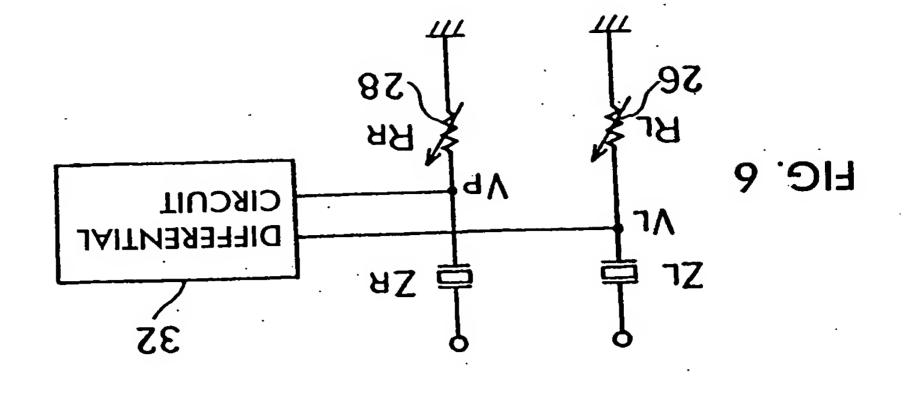




FIG. 7

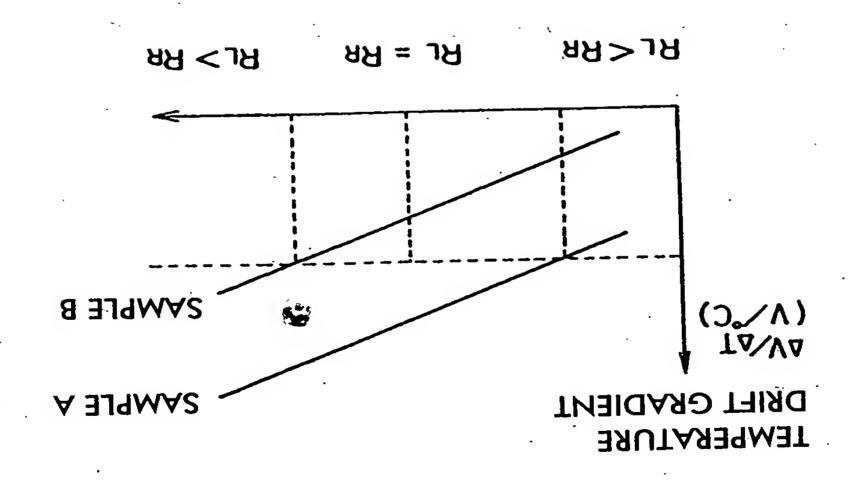
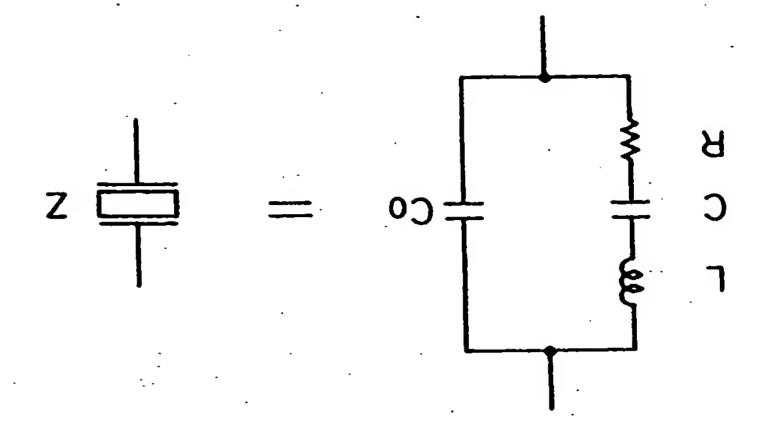
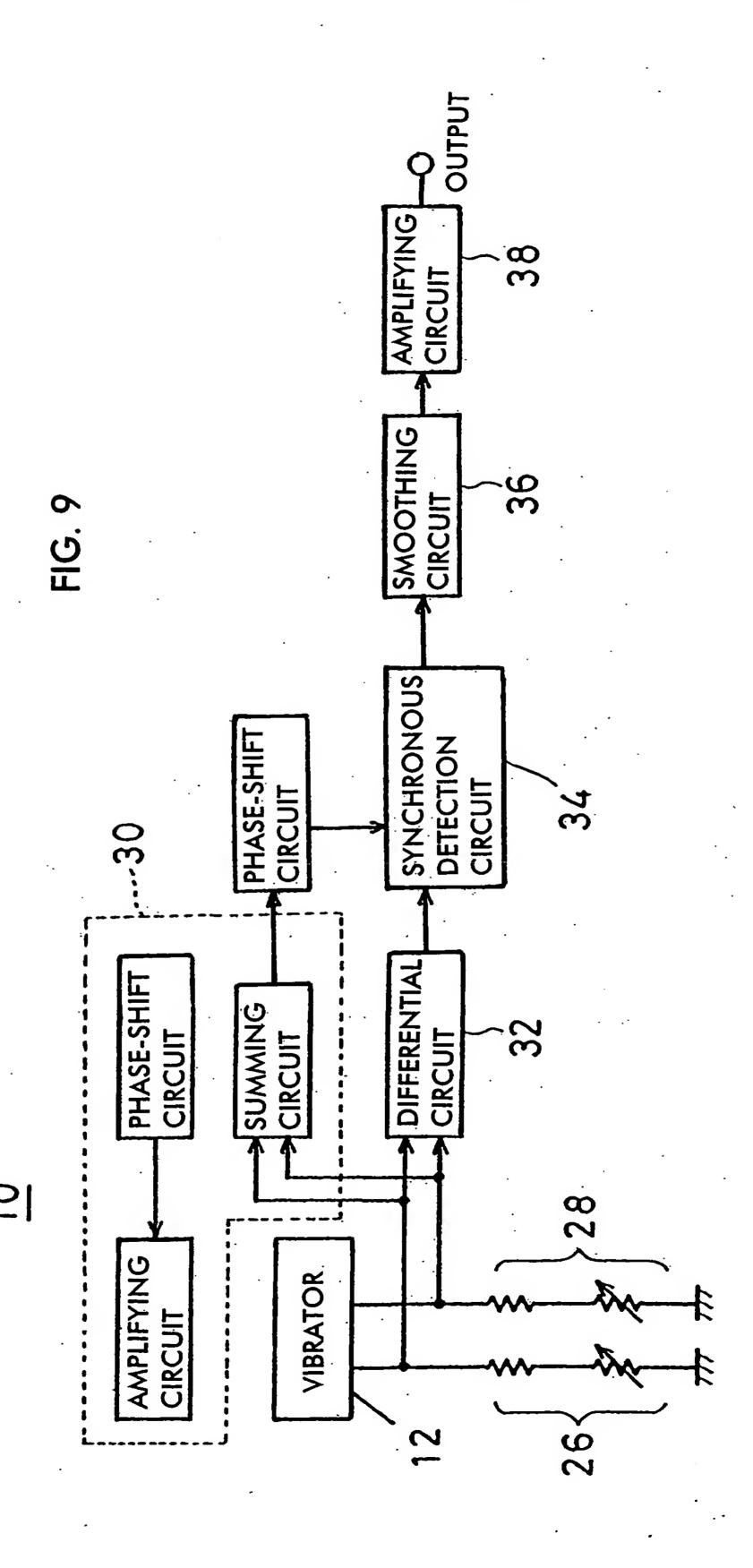


FIG. 8





0.4 4 BUFFER BUFFER ADJUSTMENT) (AMPLITUDE ADJUSTMENT) (AMPLITUDE **AMPLIFYING** DIFFERENTIAL CIRCUIT SUMMING CIRCUIT CIRCUIT SYNCHRONOUS CIRCUIT DETECTION DETECTION **SYNCHRONOUS** OSCILLATION CIRCUIT CIRCUIT RECTIFIER HALF-WAVE Ja CIRCUIT (90°C) PHASE-SHIFT CIRCUIT COMPARATOR Q CIRCUIT SMOOTHING $\boldsymbol{\omega}$ SMOOTHING TEMPERATURE COMPENSATION ----AMPLIFYING CIRCUIT ADJUSTMENT) (AMPLITUDE CIRCUIT **AMPLIFYING** DIFFERENTIAL OUTPUT SENSOR þ

FIG. 11 PRIOR ART

